



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re Application of:**

James M. Derderian

**Serial No.:** 09/938,106

**Filed:** August 23, 2001

**For:** ASSEMBLIES INCLUDING  
STACKED SEMICONDUCTOR  
DEVICES SEPARATED BY  
DISCRETE CONDUCTIVE  
ELEMENTS THEREBETWEEN,  
PACKAGES INCLUDING THE  
ASSEMBLIES, AND METHODS

**Examiner:** P. Costanzo

**Group Art Unit:** 2811

**Attorney Docket No.:** 4832US (01-0104)

**PATENT**

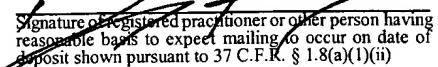
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Deidra Pfeil  
Typed/printed name of person whose signature is  
contained above

**RESPONSE TO RESTRICTION AND ELECTION OF SPECIES REQUIREMENTS**

Box NON FEE – AMENDMENT  
Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

This communication is in response to the Restriction and Election of Species Requirements mailed on August 1, 2002, the initial period for response to which expires on September 1, 2002.

Please type a plus sign (+) inside this box → 

Approved for use through 10/31/2002. OMB 0651-0031

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FORM

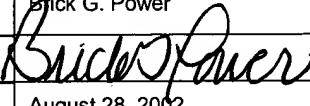
Application Number	09/938,106
Filing Date	August 23, 2001
First Named Inventor	James M. Derderian
Group Art Unit	2811
Examiner Name	P. Costanzo
Attorney Docket Number	2269-4832US (01-0104)

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## ENCLOSURES (check all that apply)

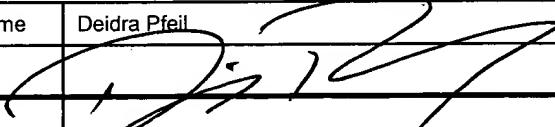
<input checked="" type="checkbox"/> Postcard receipt acknowledgment (attached to the front of this transmittal)	<input type="checkbox"/> Information Disclosure Statement, PTO/SB/08A (08-00); <input type="checkbox"/> copy of cited references	<input type="checkbox"/> Terminal Disclaimer
<input checked="" type="checkbox"/> Duplicate copy of this transmittal sheet in the event that additional filing fees are required under 37 C.F.R. § 1.16	<input type="checkbox"/> Supplemental Information Disclosure Statement; PTO/SB/08A (08-00); copy of cited references and Check No. in the amount of \$180.00	<input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> Preliminary Amendment	<input type="checkbox"/> Associate Power of Attorney	<input type="checkbox"/> Terminal Disclaimer
<input checked="" type="checkbox"/> Response to Restriction Requirement/Election of Species Requirement dated August 1, 2002	<input type="checkbox"/> Petition for Extension of Time and Check No. in the amount of \$	
<input type="checkbox"/> Amendment in response to office action dated	<input type="checkbox"/> Petition	
<input type="checkbox"/> Amendment under 37 C.F.R. § 1.116 in response to final office action dated	<input type="checkbox"/> Fee Transmittal Form	
<input type="checkbox"/> Additional claims fee - Check No. in the amount of \$	<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Letter to Chief Draftsman and copy of FIGS. with changes made in red	<input type="checkbox"/> Assignment Papers (for an Application)	
<input type="checkbox"/> Transmittal of Formal Drawings		
<input type="checkbox"/> Formal Drawings ( sheets)		
Remarks		
The Commissioner is authorized to charge any additional fees required but not submitted with any document or request requiring fee payment under 37 C.F.R. §§ 1.16 and 1.17 to Deposit Account 20-1469 during pendency of this application.		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Brick G. Power	Registration No. 38,581
Signature		
Date	August 28, 2002	

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**REMARKS**

The Office Action mailed on August 1, 2002, has been received and reviewed.

**Information Disclosure Statement**

Please note that an Information Disclosure Statement was filed in the above-referenced application on August 23, 2001, but that no copy of the Form PTO-1449 that accompanied that Information Disclosure Statement has yet been returned to the undersigned attorney. It is respectfully requested that the cited on the Form PTO-1449 be considered and made of record in the above-referenced application and that an initialed copy of the Form PTO-1449 evidencing the same be returned to the undersigned attorney.

**Restriction Requirement**

Claims 1-69 are currently pending in the above-referenced application. Each of claims 1-6- is subject to a Restriction Requirement. An election is hereby made, without traverse, to prosecute claims 23-64 of Group II.

**Election of Species Requirement**

The claims of Group II are also subject to an election of species requirement. The Office has identified the following species of invention:

Species 1, shown in FIGs. 2-8;

Species 2, shown in FIGs. 12-17; and

Species 3, shown in FIG. 18.

From the subject matter illustrated in FIGs. 2-8, it appears that Species 1 is a method that includes applying a quantity of material to a first semiconductor device prior to placing a second semiconductor device thereover. Species 2, which is depicted in FIGs. 12-17, appears to be a method that includes at least partially superimposing two semiconductor devices, then introducing a quantity of material therebetween. As for Species 3, which is shown in FIG. 18, it

appears to be a method that includes either the process of Species 1 or Species 2 for forming a semiconductor device assembly which includes two or more semiconductor devices and leads.

An election is hereby made, without traverse, to prosecute the invention of Species 2.

It is respectfully submitted that claims 23-35, 40-51, and 53-64 read on Species 2. It is also submitted that claims 23-32, 36-52, and 56-64 read on Species 1 and that claims 23-39, 45-58, 63, and 64 read on Species 3.

It is further submitted that claims 23-32, 45-51, 56-58, 63, and 64 recite subject matter which is generic to each of Species 1, 2, and 3.

Accordingly, it is respectfully submitted that all of claims 23-64 should remain under consideration.

A prompt action on the merits of claims 23-64 is respectfully solicited.

Respectfully submitted,



Brick G. Power  
Registration No. 38,581  
Attorney for Applicant  
TRASKBRITT, PC  
P. O. Box 2550  
Salt Lake City, Utah 84110-2550  
Telephone: (801) 532-1922

Date: April 2, 2002

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